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AN 145:254143 CA
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TI Spraying material having superior initial strength revelation and its application method
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DT Patent

LA Japanese

CC 58-4 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
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| PRAI JP 2005-37239 | | 20050215 | | |

CLASS

PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

| | | |
|---------------|-------|---|
| JP 2006225172 | IPCI | C04B0028-02 [I,A]; C04B0028-00 [I,C*]; C04B0022-12 [I,A]; C04B0022-14 [I,A]; C04B0022-00 [I,C*]; C04B0024-04 [I,A]; C04B0024-12 [I,A]; C04B0024-00 [I,C*]; E02D0017-20 [I,A]; E21D0011-10 [I,A] |
| | IPCR | C04B0028-00 [I,C]; C04B0028-02 [I,A]; C04B0022-00 [I,C]; C04B0022-12 [I,A]; C04B0024-04 [I,A]; C04B0024-00 [I,C]; C04B0024-12 [I,A]; C04B0024-04 [I,A]; C04B0024-12 [I,A]; E02D0017-20 [I,C]; E02D0017-20 [I,A]; E21D0011-10 [I,C]; E21D0011-10 [I,A] |
| | FTERM | E2D044/DC04; 2D055/DB00; 4G012/MB08; 4G012/MB13; 4G012/PB09; 4G012/PB10; 4G012/PB16; 4G012/PB20 |

AB The spray material contains a liquid setting accelerator and cement concrete, wherein a liquid setting accelerator containing Al, S, F and optionally alkanolamine, a complex forming agent, and alkali metal is used together with powdery Al sulfate. The spray material is sprayed onto exposed surface in tunnel construction, etc.

ST spray material liq setting accelerator cement concrete

IT Setting agents

(accelerators; spraying material having superior initial strength revelation and containing liquid setting accelerator,